

Table 1. U.S. Manufacturing Shipments¹ - Total and E-commerce Value: 2002 and 2001

[Estimates are based on data from the 2002 Annual Survey of Manufactures and 2002 Economic Census. Value of Shipments estimates are shown in millions of dollars, consequently industry group estimates may not be additive. Estimated measures of sampling variability for these estimates are provided in Table1A.]

NAICS Code	Description	Value of Shipments				Y/Y Percent Change		E-commerce as Percent of Total Shipments		Percent Distribution of E-commerce Shipments	
		2002		2001							
		Total	E-commerce	Total	Revised E-commerce	Total Shipments	E-commerce Shipments	2002	2001	2002	2001
	Total Manufacturing	3,840,319	751,985	3,970,500	724,228	-3.3	3.8	19.6	18.2	100.0	100.0
311	Food products	469,031	51,094	451,386	53,556	3.9	-4.6	10.9	11.9	6.8	7.4
312	Beverage and tobacco	103,869	45,419	118,786	45,665	-12.6	-0.5	43.7	38.4	6.0	6.3
313	Textile mills	46,847	3,977	45,681	4,435	2.6	-10.3	8.5	9.7	0.5	0.6
314	Textile product mills	31,642	7,491	31,971	7,409	-1.0	1.1	23.7	23.2	1.0	1.0
315	Apparel	45,848	9,726	54,598	10,652	-16.0	-8.7	21.2	19.5	1.3	1.5
316	Leather and allied products	7,349	783	8,834	1,438	-16.8	-45.6	10.7	16.3	0.1	0.2
321	Wood products	88,492	4,567	87,250	4,919	1.4	-7.2	5.2	5.6	0.6	0.7
322	Paper	152,378	18,385	155,846	20,208	-2.2	-9.0	12.1	13.0	2.4	2.8
323	Printing and related support activites	95,735	4,725	100,792	5,885	-5.0	-19.7	4.9	5.8	0.6	0.8
324	Petroleum and coal products	215,663	25,523	219,075	16,312	-1.6	56.5	11.8	7.4	3.4	2.3
325	Chemicals	427,754	68,674	438,410	54,041	-2.4	27.1	16.1	12.3	9.1	7.5
326	Plastics and rubber products	166,089	23,953	170,717	27,324	-2.7	-12.3	14.4	16.0	3.2	3.8
327	Nonmetallic mineral products	94,391	7,144	94,861	7,887	-0.5	-9.4	7.6	8.3	1.0	1.1
331	Primary metals	136,971	12,828	138,245	14,274	-0.9	-10.1	9.4	10.3	1.7	2.0
332	Fabricated metal products	242,204	21,427	253,113	24,168	-4.3	-11.3	8.8	9.5	2.8	3.3
333	Machinery	241,406	30,390	266,553	35,670	-9.4	-14.8	12.6	13.4	4.0	4.9
334	Computer and electronic products	353,529	73,406	429,471	73,221	-17.7	0.3	20.8	17.0	9.8	10.1
335	Electrical equipment, appliances, and components	103,599	23,043	114,067	27,845	-9.2	-17.2	22.2	24.4	3.1	3.8
336	Transportation equipment	620,649	297,280	602,496	264,326	3.0	12.5	47.9	43.9	39.5	36.5
337	Furniture and related products	73,112	8,082	72,147	9,348	1.3	-13.5	11.1	13.0	1.1	1.3
339	Miscellaneous	123,761	14,068	116,201	15,644	6.5	-10.1	11.4	13.5	1.9	2.2

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/mestats.html.

¹Estimates include data only for businesses with paid employees and are subject to revision.

Sources: U.S. Census Bureau, 2002 Annual Survey of Manufactures and 2002 Economic Census

Table 2. U.S. Merchant Wholesale Trade Sales¹ - Total and E-commerce: 2002 and 2001

[Estimates are based on data from the 2002 Annual Trade Survey. Sales estimates are shown in millions of dollars, consequently industry group estimates may not be additive.

Estimated measures of sampling variability for these estimates are provided in Table 2A.]

NAICS Code	Description	Value of Sales				Y/Y Percent Change		E-commerce as		Percent Distribution of E-commerce Sales
		2002		2001				Percent of Total Sales		
		Total	E-commerce	Revised Total	Revised E-commerce	Total Sales	E-commerce Sales	2002	2001	2002
42	Total Merchant Wholesale Trade	2,742,285	319,755	2,701,474	286,211	1.5	11.7	11.7	10.6	100.0
421	Durable goods	1,334,066	146,287	1,345,892	132,628	-0.9	10.3	11.0	9.9	45.7
4211	Motor vehicles and automotive equipment	215,437	53,348	205,605	47,933	4.8	11.3	24.8	23.3	16.7
4212	Furniture and home furnishings	43,611	4,690	44,862	3,940	-2.8	19.0	10.8	8.8	1.5
4213	Lumber and other construction material	77,879	2,896	73,605	2,556	5.8	13.3	3.7	3.5	0.9
4214	Professional and commercial equipment and supplies	249,419	32,897	251,062	31,523	-0.7	4.4	13.2	12.6	10.3
42143	Computer equipment and supplies	113,541	15,032	123,342	15,705	-7.9	-4.3	13.2	12.7	4.7
4215	Metals and minerals, excluding petroleum	89,811	(S)	92,792	(S)	-3.2	(S)	(S)	(S)	(S)
4216	Electrical goods	204,350	19,263	212,924	15,160	-4.0	27.1	9.4	7.1	6.0
4217	Hardware, plumbing and heating equipment	66,088	7,706	64,738	7,056	2.1	9.2	11.7	10.9	2.4
4218	Machinery, equipment and supplies	223,295	8,645	240,891	8,132	-7.3	6.3	3.9	3.4	2.7
4219	Miscellaneous durable goods	164,176	15,752	159,413	15,314	3.0	2.9	9.6	9.6	4.9
422	Nondurable goods	1,408,219	173,468	1,355,582	153,583	3.9	12.9	12.3	11.3	54.3
4221	Paper and paper products	76,719	4,809	77,162	4,246	-0.6	13.3	6.3	5.5	1.5
4222	Drugs, drug proprietaries and druggists' sundries	233,188	110,745	200,861	96,363	16.1	14.9	47.5	48.0	34.6
4223	Apparel, piece goods, and notions	91,071	13,664	87,776	12,305	3.8	11.0	15.0	14.0	4.3
4224	Groceries and related products	402,691	21,357	389,731	18,056	3.3	18.3	5.3	4.6	6.7
4225	Farm-products raw materials	111,302	3,697	108,081	3,272	3.0	13.0	3.3	3.0	1.2
4226	Chemicals and allied products	60,446	(D)	59,633	(D)	1.4	(D)	(D)	(D)	(D)
4227	Petroleum and petroleum products	181,138	10,089	180,601	(D)	0.3	(D)	5.6	(D)	3.2
4228	Beer, wine, and distilled beverages	79,760	(D)	75,156	(D)	6.1	(D)	(D)	(D)	(D)
4229	Miscellaneous nondurable goods	171,904	5,614	176,581	5,071	-2.6	10.7	3.3	2.9	1.8

(S) Estimate does not meet publication standards because of high sampling variability or poor response quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau.

(D) Estimate is withheld to avoid disclosing data of individual companies; these data are included in higher level totals.

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/whstats.html.

¹ Estimates include data only for businesses with paid employees and are subject to revision.

Source: U.S. Census Bureau, 2002 Annual Trade Survey

Table 3. U.S. Merchant Wholesale Trade Sales¹ - Total and EDI: 2002 and 2001

[Estimates are based on data from the 2002 Annual Trade Survey. Sales estimates are shown in millions of dollars, consequently industry group estimates may not be additive.

Estimated measures of sampling variability for these estimates are provided in Table 3A.]

NAICS Code	Description	Value of Sales				Y/Y Percent Change		EDI as Percent of Total Sales		Percent Distribution of EDI Sales	EDI as Percent of E-commerce	
		2002		2001								
		Total	EDI	Revised Total	Revised EDI	Total Sales	EDI Sales	2002	2001	2002	2002	2001
42	Total Merchant Wholesale Trade	2,742,285	275,109	2,701,474	247,882	1.5	11.0	10.0	9.2	100.0	86.0	86.6
421	Durable goods	1,334,066	126,251	1,345,892	115,194	-0.9	9.6	9.5	8.6	45.9	86.3	86.9
4211	Motor vehicles and automotive equipment	215,437	52,298	205,605	47,370	4.8	10.4	24.3	23.0	19.0	98.0	98.8
4212	Furniture and home furnishings	43,611	3,766	44,862	3,089	-2.8	21.9	8.6	6.9	1.4	80.3	78.4
4213	Lumber and other construction material	77,879	2,753	73,605	2,408	5.8	14.3	3.5	3.3	1.0	95.1	94.2
4214	Professional and commercial equipment and supplies	249,419	23,133	251,062	22,375	-0.7	3.4	9.3	8.9	8.4	70.3	71.0
42143	Computer equipment and supplies	113,541	9,583	123,342	10,077	-7.9	-4.9	8.4	8.2	3.5	63.8	64.2
4215	Metals and minerals, excluding petroleum	89,811	(S)	92,792	(S)	-3.2	(S)	(S)	(S)	(S)	(S)	(S)
4216	Electrical goods	204,350	16,409	212,924	11,802	-4.0	39.0	8.0	5.5	6.0	85.2	77.8
4217	Hardware, plumbing and heating equipment	66,088	7,334	64,738	6,985	2.1	5.0	11.1	10.8	2.7	95.2	99.0
4218	Machinery, equipment and supplies	223,295	6,017	240,891	6,405	-7.3	-6.1	2.7	2.7	2.2	69.6	78.8
4219	Miscellaneous durable goods	164,176	13,694	159,413	13,974	3.0	-2.0	8.3	8.8	5.0	86.9	91.2
422	Nondurable goods	1,408,219	148,858	1,355,582	132,688	3.9	12.2	10.6	9.8	54.1	85.8	86.4
4221	Paper and paper products	76,719	2,719	77,162	2,739	-0.6	-0.7	3.5	3.5	1.0	56.5	64.5
4222	Drugs, drug proprietaries and druggists' sundries	233,188	101,161	200,861	87,813	16.1	15.2	43.4	43.7	36.8	91.3	91.1
4223	Apparel, piece goods, and notions	91,071	12,846	87,776	10,968	3.8	17.1	14.1	12.5	4.7	94.0	89.1
4224	Groceries and related products	402,691	13,458	389,731	12,058	3.3	11.6	3.3	3.1	4.9	63.0	66.8
4225	Farm-products raw materials	111,302	3,536	108,081	3,217	3.0	9.9	3.2	3.0	1.3	95.6	98.3
4226	Chemicals and allied products	60,446	(D)	59,633	(D)	1.4	(D)	(D)	(D)	(D)	(D)	(D)
4227	Petroleum and petroleum products	181,138	8,676	180,601	(D)	0.3	(D)	4.8	(D)	3.2	86.0	(D)
4228	Beer, wine, and distilled beverages	79,760	(D)	75,156	(D)	6.1	(D)	(D)	(D)	(D)	(D)	(D)
4229	Miscellaneous nondurable goods	171,904	4,170	176,581	4,003	-2.6	4.2	2.4	2.3	1.5	74.3	78.9

(S) Estimate does not meet publication standards because of high sampling variability or poor response quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau.

(D) Estimate is withheld to avoid disclosing data of individual companies; these data are included in higher level totals.

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/whestats.html

¹ Estimates include data only for businesses with paid employees and are subject to revision.

Source: U.S. Census Bureau, 2002 Annual Trade Survey

Table 4. U.S. Selected Services Revenue¹ - Total and E-commerce: 2002 and 2001

[Except where indicated, estimates are based on data from the 2002 Service Annual Survey. Revenue estimates are shown in millions of dollars, consequently industry group estimates may not be additive. Estimated measures of sampling variability for these estimates are provided in Table 4A.]

NAICS Code	Description	Value of Revenue				Y/Y Percent Change		E-commerce as Percent of Total Revenue		Percent Distribution of E-commerce Revenue
		2002		2001				2002	2001	2002
		Total	E-commerce	Revised Total	Revised E-commerce	Total Revenue	E-commerce Revenue			
	Total for Selected Service Industries	4,862,961	41,463	4,756,317	36,045	2.2	15.0	0.9	0.8	100.0
	Selected Transportation and Warehousing ²	237,485	3,429	235,659	2,810	0.8	22.0	1.4	1.2	8.3
484	Truck transportation	169,443	2,422	169,069	1,526	0.2	58.7	1.4	0.9	5.8
492	Couriers and messengers	53,101	913	53,317	1,192	-0.4	-23.4	1.7	2.2	2.2
493	Warehousing and storage	14,941	(S)	13,273	(S)	12.6	(S)	(S)	(S)	(S)
51	Information	876,984	11,059	870,684	10,438	0.7	5.9	1.3	1.2	26.6
511	Publishing industries	230,916	5,362	231,714	4,941	-0.3	8.5	2.3	2.1	12.9
513	Broadcasting and telecommunications	484,652	2,549	487,799	2,516	-0.6	1.3	0.5	0.5	6.1
51419	Online information services	31,842	1,823	32,347	1,850	-1.6	-1.5	5.7	5.7	4.4
	Selected Finance ³	256,879	4,191	288,417	3,754	-10.9	11.6	1.6	1.3	10.1
5231	Securities and commodity contracts intermediation and brokerage	163,080	4,071	191,007	3,570	-14.6	14.0	2.5	1.9	9.8
532	Rental and Leasing Services	100,507	(S)	99,126	(S)	1.4	(S)	(S)	(S)	(S)
	Selected Professional, Scientific, and Technical Services ⁴	848,109	6,490	842,261	5,237	0.7	23.9	0.8	0.6	15.6
5415	Computer systems design and related services	162,175	4,267	174,367	3,526	-7.0	21.0	2.6	2.0	10.3
	Selected Administrative and Support and Waste Management and Remediation Services ⁵	421,107	10,463	409,984	9,612	2.7	8.9	2.5	2.3	25.2
5615	Travel arrangement and reservation services	26,545	6,385	26,487	6,269	0.2	1.9	24.1	23.7	15.4
62	Health Care and Social Assistance Services	1,203,447	(S)	1,110,231	(S)	8.4	(S)	(S)	(S)	(S)
71	Arts, Entertainment, and Recreation Services	137,236	(S)	128,904	(S)	6.5	(S)	(S)	(S)	(S)
72	Accommodation and Food Services ⁶	456,232	(S)	445,236	(S)	2.5	(S)	(S)	(S)	(S)
	Selected Other Services ⁷	324,975	1,097	325,815	656	-0.3	67.2	0.3	0.2	2.6
811	Repair and maintenance	131,205	254	130,482	214	0.6	18.7	0.2	0.2	0.6
813	Religious, grantmaking, civic, professional, and similar organizations	121,381	639	124,457	383	-2.5	66.8	0.5	0.3	1.5

(S) Estimate does not meet publication standards because of high sampling variability or poor response quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau.

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/sestata.html.

¹ Estimates are subject to revision and include data only for businesses with paid employees except for Accommodation and Food Services, which also includes businesses without paid employees.

² Excludes NAICS 481 (air transportation), 482 (rail transportation), 483 (water transportation), 485 (transit and ground passenger transportation), 486 (pipeline transportation), 487 (scenic and sightseeing transportation), 488 (support activities for transportation), and 491 (postal service).

³ Excludes NAICS 521 (monetary authorities-central bank), 522 (credit intermediation and related activities), 5232 (securities and commodity exchanges), 52391 (miscellaneous intermediation), 52399 (all other financial investment activities), 524 (insurance carriers and related activities), and 525 (funds, trusts, and other financial vehicles).

⁴ Excludes NAICS 54112 (offices of notaries) and 54132 (landscape architectural services).

⁵ Excludes NAICS 56173 (landscaping services).

⁶ Estimates are based on data from the 2002 Annual Retail Trade Survey.

⁷ Excludes NAICS 81311 (religious organizations), 81393 (labor and similar organizations), 81394 (political organizations), and 814 (private households).

Source: U.S. Census Bureau, 2002 Service Annual Survey

Table 5. U.S. Retail Trade Sales¹ - Total and E-commerce: 2002 and 2001

[Estimates are based on data from the 2002 Annual Retail Trade Survey. Sales estimates are shown in millions of dollars, consequently industry group estimates may not be additive. Estimated measures of sampling variability for these estimates are provided in Table 5A.]

NAICS Code	Description	Value of Sales				Y/Y Percent Change		E-commerce as Percent of Total Sales		Percent Distribution of E-commerce Sales
		2002		2001		Total Sales	E-commerce Sales	2002	2001	2002
		Total	E-commerce	Revised Total	Revised E-commerce					
	Total Retail Trade	3,230,122	44,287	3,156,754	34,263	2.3	29.3	1.4	1.1	100.0
441	Motor vehicles and parts dealers	846,248	7,231	841,141	5,336	0.6	35.5	0.9	0.6	16.3
442	Furniture and home furnishings stores	93,689	(S)	91,442	(S)	2.5	(S)	(S)	(S)	(S)
443	Electronics and appliance stores	89,930	778	85,174	643	5.6	21.0	0.9	0.8	1.8
444	Building materials and garden equipment and supplies stores	299,893	603	287,233	527	4.4	14.4	0.2	0.2	1.4
445	Food and beverage stores	489,445	(S)	481,388	(S)	1.7	(S)	(S)	(S)	(S)
446	Health and personal care stores	181,111	(S)	168,050	(S)	7.8	(S)	(S)	(S)	(S)
447	Gasoline stations	244,796	(Z)	246,993	(Z)	-0.9	(Z)	(Z)	(Z)	(Z)
448	Clothing and clothing accessories stores	171,759	487	167,313	288	2.7	69.1	0.3	0.2	1.1
451	Sporting goods, hobby, book, and music stores	80,222	662	79,818	506	0.5	30.8	0.8	0.6	1.5
452	General merchandise stores	451,365	(S)	430,095	(S)	4.9	(S)	(S)	(S)	(S)
453	Miscellaneous store retailers	104,400	684	105,097	516	-0.7	32.6	0.7	0.5	1.5
454	Nonstore retailers	177,264	33,117	173,010	25,897	2.5	27.9	18.7	15.0	74.8
454110	Electronic shopping and mail-order houses	114,480	32,191	109,158	25,145	4.9	28.0	28.1	23.0	72.7

(S) Estimate does not meet publication standards because of high sampling variability or poor response quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau.

(Z) Sales estimate is less than \$500,000 or percent estimate is less than 0.05%.

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/restats.html.

¹ Estimates include data for businesses with or without paid employees and are subject to revision.

Source: U.S. Census Bureau, 2002 Annual Retail Trade Survey

Table 6. U.S. Electronic Shopping and Mail-Order Houses (NAICS 454110) - Total and E-commerce Sales by Merchandise Line¹: 2002 and 2001

[Estimates are based on data from the 2002 Annual Retail Trade Survey. Sales estimates are shown in millions of dollars, consequently merchandise line estimates may not be additive. Estimated measures of sampling variability for these estimates are provided in Table 6A.]

Merchandise Lines	Value of Sales				Y/Y Percent Changes		E-commerce as Percent of Total Sales	Percent Distribution	
	2002		2001					Total Sales	E-commerce Sales
	Total	E-commerce	Revised Total	Revised E-commerce	Total Sales	E-commerce Sales	2002	2002	2002
Total Electronic Shopping and Mail-Order Houses (NAICS 454110)	114,480	32,191	109,158	25,145	4.9	28.0	28.1	100.0	100.0
Books and magazines	4,017	1,848	3,825	1,691	5.0	9.3	46.0	3.5	5.7
Clothing and clothing accessories (includes footwear)	14,020	4,272	15,021	3,165	-6.7	35.0	30.5	12.2	13.3
Computer hardware	21,203	5,873	22,653	5,506	-6.4	6.7	27.7	18.5	18.2
Computer software	4,433	1,456	4,110	1,110	7.9	31.2	32.8	3.9	4.5
Drugs, health aids, and beauty aids	20,709	1,446	16,130	951	28.4	52.1	7.0	18.1	4.5
Electronics and appliances	4,419	2,030	3,877	1,508	14.0	34.6	45.9	3.9	6.3
Food, beer, and wine	1,869	639	1,901	487	-1.7	31.2	34.2	1.6	2.0
Furniture and home furnishings	7,116	2,447	6,442	1,633	10.5	49.8	34.4	6.2	7.6
Music and videos	3,862	1,454	3,960	1,256	-2.5	15.8	37.6	3.4	4.5
Office equipment and supplies	6,114	2,450	6,416	1,872	-4.7	30.9	40.1	5.3	7.6
Sporting goods	2,687	910	1,718	502	56.4	81.3	33.9	2.3	2.8
Toys, hobby goods, and games	3,458	1,250	2,954	895	17.1	39.7	36.1	3.0	3.9
Other merchandise ²	15,651	3,858	16,137	2,914	-3.0	32.4	24.7	13.7	12.0
Nonmerchandise receipts ³	4,922	2,258	4,014	1,655	22.6	36.4	45.9	4.3	7.0

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/restats.html

¹ Estimates include data for businesses with or without paid employees, are grouped according to merchandise categories used in the Annual Retail Trade Survey, and are subject to revision.

² Includes other merchandise such as collectibles, souvenirs, auto parts and accessories, hardware, lawn and garden equipment and supplies and jewelry.

³ Includes nonmerchandise receipts such as auction commissions, customer training, customer support, advertising, and shipping and handling.

Source: U.S. Census Bureau, 2002 Annual Retail Trade Survey

Table 1A. Measures of Sampling Variability - U.S. Manufacturing Shipments - Total and E-commerce Value: 2002 and 2001

[Estimates are based on data from the 2002 Annual Survey of Manufactures and 2002 Economic Census, are shown as percents, and are associated with the estimates in Table 1.]

NAICS Code	Description	Coefficient of Variation for Value of Shipments				Standard Error for Estimate of:		
		2002		2001		E-commerce as Percent of Total Shipments		Percent Distribution of E-commerce Shipments
		Total	E-commerce	Total	Revised E-commerce	2002	2001	2002
	Total Manufacturing	NA	0.5	0.2	0.5	0.1	0.1	NA
311	Food products	NA	2.1	0.5	1.1	0.2	0.1	0.1
312	Beverage and tobacco	NA	1.2	0.7	1.2	0.9	0.5	0.1
313	Textile mills	NA	1.8	1.6	2.1	0.2	0.3	(Z)
314	Textile product mills	NA	2.6	1.2	1.9	0.6	0.6	(Z)
315	Apparel	NA	7.1	1.5	4.1	1.0	0.6	0.1
316	Leather and allied products	NA	6.9	3.1	7.0	0.2	0.2	(Z)
321	Wood products	NA	3.6	0.9	6.0	0.1	0.3	(Z)
322	Paper	NA	1.6	0.5	1.0	0.0	0.1	(Z)
323	Printing and related support activities	NA	3.8	1.0	4.0	0.2	0.2	(Z)
324	Petroleum and coal products	NA	0.3	0.6	0.8	0.1	0.1	(Z)
325	Chemicals	NA	2.3	1.1	2.6	0.3	0.3	0.2
326	Plastics and rubber products	NA	3.9	0.8	3.1	0.4	0.4	0.1
327	Nonmetallic mineral products	NA	2.5	0.7	1.6	0.2	0.1	(Z)
331	Primary metals	NA	2.6	0.5	1.6	0.2	0.1	(Z)
332	Fabricated metal products	NA	2.0	0.5	1.7	0.1	0.2	0.1
333	Machinery	NA	1.6	0.5	2.1	0.2	0.2	0.1
334	Computer and electronic products	NA	0.9	1.0	1.0	0.2	0.2	0.1
335	Electrical equipment, appliances, and components	NA	1.0	0.9	1.4	0.3	0.3	(Z)
336	Transportation equipment	NA	0.7	0.4	0.9	0.3	0.3	0.2
337	Furniture and related products	NA	2.5	1.4	2.7	0.3	0.2	(Z)
339	Miscellaneous	NA	5.0	1.1	3.6	0.4	0.4	0.1

NA Not applicable

(Z) Estimate is less than 0.05%.

Note: Standard errors for year to year change in total shipments and e-commerce shipments were not calculated. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/mestats.html.

Sources: U.S. Census Bureau, 2002 Annual Survey of Manufactures and 2002 Economic Census

Table 2A. Measures of Sampling Variability - U.S. Merchant Wholesale Trade Sales - Total and E-commerce: 2002 and 2001

[Estimates are based on data from the 2002 Annual Trade Survey, are shown as percents, and are associated with the estimates in Table 2.]

NAICS Code	Description	Coefficient of Variation for Value of Sales				Standard Error for Estimate of:				
								E-commerce as Percent of Total Sales		Percent Distribution of E-commerce Sales
		2002		2001		Y/Y Percent Change				
		Total	E-commerce	Revised Total	Revised E-commerce	Total Sales	E-commerce Sales	2002	2001	2002
42	Total Merchant Wholesale Trade	1.1	2.0	1.0	2.3	0.3	0.6	0.2	0.2	NA
421	Durable goods	1.6	3.1	1.5	3.6	0.3	1.1	0.3	0.3	0.9
4211	Motor vehicles and automotive equipment	3.3	4.6	3.1	4.6	0.8	0.3	0.6	0.7	0.5
4212	Furniture and home furnishings	4.1	18.3	3.2	21.9	1.9	5.5	1.8	1.8	0.3
4213	Lumber and other construction material	7.2	21.3	7.2	15.5	0.8	5.9	0.7	0.5	0.1
4214	Professional and commercial equipment and supplies	4.6	6.6	4.0	6.7	1.3	1.3	0.6	0.6	0.5
42143	Computer equipment and supplies	7.2	10.4	6.8	10.3	2.1	2.1	0.8	0.7	0.3
4215	Metals and minerals, excluding petroleum	4.0	(S)	3.3	(S)	1.4	(S)	(S)	(S)	(S)
4216	Electrical goods	4.2	7.2	3.6	6.5	1.3	2.9	0.7	0.5	0.5
4217	Hardware, plumbing and heating equipment	1.8	10.6	2.2	10.3	1.0	2.0	1.2	1.1	0.2
4218	Machinery, equipment and supplies	3.2	8.7	3.3	12.3	1.1	10.0	0.4	0.5	0.3
4219	Miscellaneous durable goods	4.3	8.8	4.1	12.2	1.0	5.9	0.6	0.9	0.5
422	Nondurable goods	1.0	2.4	1.1	2.6	0.6	0.6	0.3	0.3	0.9
4221	Paper and paper products	2.4	5.9	2.4	7.7	1.4	2.2	0.3	0.3	0.1
4222	Drugs, drug proprietaries and druggists' sundries	3.0	2.7	2.8	2.7	1.1	0.3	1.6	1.5	0.9
4223	Apparel, piece goods, and notions	4.4	10.3	4.3	12.0	1.6	7.5	1.6	1.9	0.3
4224	Groceries and related products	2.7	11.2	2.3	11.2	1.6	4.7	0.5	0.5	0.7
4225	Farm-products raw materials	4.3	7.2	4.7	7.3	1.7	1.9	0.3	0.2	0.1
4226	Chemicals and allied products	4.1	(D)	4.1	(D)	1.7	(D)	(D)	(D)	(D)
4227	Petroleum and petroleum products	4.3	20.8	4.1	(D)	0.6	(D)	1.0	(D)	0.8
4228	Beer, wine, and distilled beverages	2.7	(D)	2.6	(D)	1.5	(D)	(D)	(D)	(D)
4229	Miscellaneous nondurable goods	5.1	11.1	5.3	13.4	1.9	7.1	0.4	0.5	0.2

NA Not applicable.

(S) Corresponding estimate in Table 2 does not meet publication standards because of high sampling variability or poor response quality.

(D) Corresponding estimate in Table 2 is withheld to avoid disclosing data on individual companies; these data are included in higher level totals.

Note: For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/whestats.html

Source: U.S. Census Bureau, 2002 Annual Trade Survey

Table 3A. Measures of Sampling Variability - U.S. Merchant Wholesale Trade Sales - Total and EDI: 2002 and 2001

[Estimates are based on data from the 2002 Annual Trade Survey, are shown as percents, and are associated with the estimates in Table 3.]

NAICS Code	Description	Coefficient of Variation for Value of Sales				Standard Error for Estimate of:						
								EDI as Percent of Total Sales		Percent Distribution of EDI Sales	EDI as Percent of E-commerce Sales	
		2002		2001		Y/Y Percent Change						
		Total	EDI	Revised Total	Revised EDI	Total Sales	EDI Sales	2002	2001	2002	2002	2001
42	Total Merchant Wholesale Trade	1.1	2.2	1.0	2.4	0.3	0.7	0.2	0.2	NA	0.9	0.9
421	Durable goods	1.6	3.1	1.5	3.5	0.3	1.0	0.3	0.3	0.9	0.8	0.7
4211	Motor vehicles and automotive equipment	3.3	4.6	3.1	4.6	0.8	0.3	0.6	0.6	0.6	0.4	0.4
4212	Furniture and home furnishings	4.1	21.4	3.2	27.1	1.9	16.6	1.7	1.6	0.3	4.5	4.7
4213	Lumber and other construction material	7.2	22.3	7.2	16.3	0.8	5.8	0.7	0.5	0.2	1.8	2.1
4214	Professional and commercial equipment and supplies	4.6	6.5	4.0	7.0	1.3	1.7	0.5	0.5	0.4	1.6	1.6
42143	Computer equipment and supplies	7.2	11.0	6.8	10.8	2.1	3.4	0.6	0.6	0.3	1.6	1.6
4215	Metals and minerals, excluding petroleum	4.0	(S)	3.3	(S)	1.4	(S)	(S)	(S)	(S)	(S)	(S)
4216	Electrical goods	4.2	7.8	3.6	8.7	1.3	4.2	0.6	0.5	0.5	1.8	2.6
4217	Hardware, plumbing and heating equipment	1.8	10.1	2.2	10.4	1.0	1.6	1.1	1.1	0.2	1.7	0.4
4218	Machinery, equipment and supplies	3.2	14.0	3.3	16.6	1.1	10.1	0.5	0.5	0.3	5.3	5.6
4219	Miscellaneous durable goods	4.3	9.1	4.1	12.8	1.0	4.6	0.6	0.9	0.5	1.8	1.1
422	Nondurable goods	1.0	2.6	1.1	2.9	0.6	0.8	0.3	0.3	0.9	1.1	1.3
4221	Paper and paper products	2.4	7.2	2.4	11.7	1.4	4.0	0.2	0.3	0.1	1.8	1.7
4222	Drugs, drug proprietaries and druggists' sundries	3.0	2.8	2.8	2.7	1.1	0.3	1.5	1.3	0.9	0.3	0.3
4223	Apparel, piece goods, and notions	4.4	11.0	4.3	13.5	1.6	9.0	1.6	1.8	0.4	1.3	2.2
4224	Groceries and related products	2.7	15.6	2.3	14.9	1.6	3.2	0.5	0.5	0.7	4.4	4.1
4225	Farm-products raw materials	4.3	7.5	4.7	7.4	1.7	1.2	0.3	0.2	0.1	0.9	0.1
4226	Chemicals and allied products	4.1	(D)	4.1	(D)	1.7	(D)	(D)	(D)	(D)	(D)	(D)
4227	Petroleum and petroleum products	4.3	6.8	4.1	(D)	0.6	(D)	0.3	(D)	0.3	4.6	(D)
4228	Beer, wine, and distilled beverages	2.7	(D)	2.6	(D)	1.5	(D)	(D)	(D)	(D)	(D)	(D)
4229	Miscellaneous nondurable goods	5.1	13.6	5.3	14.6	1.9	6.6	0.3	0.3	0.2	4.5	4.4

NA Not applicable.

(S) Corresponding estimate in Table 3 does not meet publication standards because of high sampling variability or poor response quality.

(D) Corresponding estimate in Table 3 is withheld to avoid disclosing data of individual companies; these data are included in higher levels totals.

(Z) Estimate is less than 0.05%.

Note: For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/whestats.html.

Source: U.S. Census Bureau, 2002 Annual Trade Survey

Table 4A. Measures of Sampling Variability - U.S. Selected Services Revenue - Total and E-commerce: 2002 and 2001

[Except where indicated, estimates are based on data from the 2002 Service Annual Survey. Estimates are shown as percents and are associated with the estimates in Table 4.]

NAICS Code	Description	Coefficient of Variation for Value of Revenue				Standard Error for Estimate of:				
								E-commerce as Percent of Total Revenue		Percent Distribution of E-commerce Revenue
		2002		2001		Y/Y Percent Change				
		Total	E-commerce	Revised Total	Revised E-commerce	Total Revenue	E-commerce Revenue	2002	2001	2002
	Total for Selected Service Industries	0.5	2.7	0.4	1.5	0.1	2.7	(Z)	(Z)	NA
	Selected Transportation and Warehousing¹	1.9	10.4	1.8	5.9	1.2	11.6	0.1	0.1	0.6
484	Truck transportation	2.4	13.0	2.4	11.0	1.4	30.3	0.2	0.1	0.6
492	Couriers and messengers	2.3	3.4	1.8	2.2	0.8	2.7	0.1	(Z)	0.1
493	Warehousing and storage	4.2	(S)	4.6	(S)	2.4	(S)	(S)	(S)	(S)
51	Information	0.6	3.1	0.7	3.0	0.5	3.1	(Z)	(Z)	0.8
511	Publishing industries	1.6	5.5	1.7	4.4	0.3	4.2	0.1	0.1	0.6
513	Broadcasting and telecommunications	0.7	0.8	1.1	0.9	0.8	0.5	(Z)	(Z)	0.2
51419	Online information services	3.4	10.2	2.5	10.4	1.3	7.0	0.5	0.6	0.4
	Selected Finance²	1.3	3.8	1.0	1.1	0.7	3.4	0.1	(Z)	0.4
5231	Securities and commodity contracts intermediation and brokerage	1.4	3.9	1.1	1.1	0.7	3.6	0.1	(Z)	0.4
532	Rental and Leasing Services	1.9	(S)	1.5	(S)	1.2	(S)	(S)	(S)	(S)
	Selected Professional, Scientific, and Technical Services³	1.7	12.5	1.4	3.5	0.7	15.4	0.1	(Z)	1.3
5415	Computer systems design and related services	3.5	19.2	3.5	4.9	1.6	22.6	0.4	0.1	1.4
	Selected Administrative and Support and Waste Management and Remediation Services⁴	2.2	1.6	2.1	2.5	0.9	2.4	0.1	0.1	0.6
5615	Travel arrangement and reservation services	3.8	3.0	3.5	3.4	1.5	1.1	0.8	0.9	0.5
62	Health Care and Social Assistance Services	0.8	(S)	0.8	(S)	0.3	(S)	(S)	(S)	(S)
71	Arts, Entertainment, and Recreation Services	1.9	(S)	1.7	(S)	0.9	(S)	(S)	(S)	(S)
72	Accommodation and Food Services⁵	1.4	(S)	1.2	(S)	0.6	(S)	(S)	(S)	(S)
	Selected Other Services⁶	1.6	6.1	1.4	9.1	0.8	10.4	(Z)	(Z)	0.2
811	Repair and maintenance	2.9	11.0	2.6	8.6	1.1	12.4	(Z)	(Z)	0.1
813	Religious, grantmaking, civic, professional, and similar organizations	2.5	9.0	2.0	15.5	1.1	15.2	(Z)	(Z)	0.2

NA Not applicable

(S) Corresponding estimate in Table 4 does not meet publication standards because of high sampling variability or poor response quality.

(Z) Estimate is less than 0.05%

Note: For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/sestats.html¹ Excludes NAICS 481 (air transportation), 482 (rail transportation), 483 (water transportation), 485 (transit and ground passenger transportation), 486 (pipeline transportation), 487 (scenic and sightseeing transportation), 488 (support activities for transportation), and 491 (postal service).² Excludes NAICS 521 (monetary authorities-central bank), 522 (credit intermediation and related activities), 5232 (securities and commodity exchanges), 52391 (miscellaneous intermediation), 52399 (all other financial investment activities), 524 (insurance carriers and related activities), and 525 (funds, trusts, and other financial vehicles).³ Excludes NAICS 54112 (offices of notaries) and 54132 (landscape architectural services).⁴ Excludes NAICS 56173 (landscaping services).⁵ Estimates are based on data from the 2002 Annual Retail Trade Survey.⁶ Excludes NAICS 81311 (religious organizations), 81393 (labor and similar organizations), 81394 (political organizations), and 814 (private households).

Source: U.S. Census Bureau, 2002 Service Annual Survey

Table 5A. Measures of Sampling Variability - U.S. Retail Trade Sales - Total and E-commerce: 2002 and 2001

[Estimates are based on data from the 2002 Annual Retail Trade Survey, are shown as percents, and are associated with the estimates in Table 5.]

NAICS Code	Description	Coefficient of Variation for Value of Sales				Standard Error for Estimate of:				
		2002		2001		Y/Y Percent Change		E-commerce as Percent of Total Sales		Percent Distribution of E-commerce Sales
		Total	E-commerce	Revised Total	Revised E-commerce	Total Sales	E-commerce Sales	2002	2001	2002
	Total Retail Trade	0.5	3.3	0.4	2.9	0.2	1.5	(Z)	(Z)	NA
441	Motor vehicles and parts dealers	1.0	5.1	1.0	5.5	0.7	5.7	(Z)	(Z)	0.6
442	Furniture and home furnishings stores	1.4	(S)	1.4	(S)	0.7	(S)	(S)	(S)	(S)
443	Electronics and appliance stores	0.9	21.5	0.8	15.3	0.5	7.0	0.2	0.1	0.4
444	Building materials and garden equipment and supplies stores	1.6	7.5	1.4	7.3	0.6	8.3	(Z)	(Z)	0.1
445	Food and beverage stores	0.6	(S)	0.6	(S)	0.3	(S)	(S)	(S)	(S)
446	Health and personal care stores	2.1	(S)	1.3	(S)	1.0	(S)	(S)	(S)	(S)
447	Gasoline stations	3.2	(Z)	2.1	(Z)	1.1	(Z)	(Z)	(Z)	(Z)
448	Clothing and clothing accessories stores	0.8	14.5	0.6	10.8	0.4	15.5	(Z)	(Z)	0.1
451	Sporting goods, hobby, book, and music stores	1.1	12.2	1.0	16.4	0.4	20.5	0.1	0.1	0.2
452	General merchandise stores	0.2	(S)	0.2	(S)	0.1	(S)	(S)	(S)	(S)
453	Miscellaneous store retailers	1.8	20.8	1.5	18.7	0.7	34.6	0.1	0.1	0.3
454	Nonstore retailers	2.4	4.0	1.9	3.3	0.7	1.4	0.3	0.2	1.0
454110	Electronic shopping and mail-order houses	3.4	3.9	2.4	3.2	0.9	1.4	0.3	0.3	1.0

NA Not applicable

(S) Corresponding estimate in Table 5 does not meet publication standards because of high sampling variability or poor response quality.

(Z) Estimate is less than 0.05%.

Note: For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/restats.html.

Source: U.S. Census Bureau, 2002 Annual Retail Trade Survey

Table 6A. Measures of Sampling Variability - U.S. Electronic Shopping and Mail-Order Houses (NAICS 454110) - Total and E-commerce Sales by Merchandise Line¹: 2002 and 2001

[Estimates are based on data from the 2002 Annual Retail Trade Survey, are shown as percents, and are associated with the estimates in Table 6.]

Merchandise Lines	Coefficient of Variation for Value of Sales				Standard Error for Estimate of:				
					Y/Y Percent Change		E-commerce as Percent of Total Sales	Percent Distribution	
	2002		2001					Total Sales	E-commerce Sales
	Total	E-commerce	Revised Total	Revised E-commerce	Total Sales	E-commerce Sales	2002	2002	2002
Total Electronic Shopping and Mail-Order Houses (NAICS 454110)	3.4	3.9	2.4	3.2	0.9	1.4	0.3	NA	NA
Books and magazines	9.7	4.0	9.3	3.6	1.5	1.9	1.6	0.2	0.1
Clothing and clothing accessories (includes footwear)	4.6	4.5	3.3	3.8	1.7	2.5	0.5	0.4	0.3
Computer hardware	3.4	3.7	2.6	3.0	0.9	1.4	0.5	0.3	0.6
Computer software	9.8	11.5	8.3	4.9	1.7	5.7	1.2	0.2	0.3
Drugs, health aids, and beauty aids	4.9	21.2	4.9	23.5	1.3	13.4	0.8	0.8	0.9
Electronics and appliances	4.2	6.1	4.0	7.6	2.5	7.4	1.4	0.1	0.3
Food, beer, and wine	8.0	13.1	10.3	6.0	9.8	12.8	1.6	0.1	0.3
Furniture and home furnishings	6.8	13.2	5.5	15.4	2.6	8.6	1.3	0.3	0.6
Music and videos	4.9	4.2	4.1	4.3	1.1	2.2	0.9	0.1	0.2
Office equipment and supplies	3.2	5.8	2.6	5.3	1.2	1.3	0.9	0.2	0.4
Sporting goods	20.1	18.8	18.6	21.9	7.5	11.9	3.2	0.3	0.4
Toys, hobby goods, and games	8.1	7.1	6.2	5.9	3.7	3.9	2.0	0.2	0.2
Other merchandise ²	3.9	7.3	2.9	8.7	2.9	7.6	0.7	0.4	0.6
Nonmerchandise receipts ³	4.2	2.8	3.9	2.7	1.8	2.0	0.8	0.1	0.1

NA Not applicable

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/restats.html.

¹ Estimates include data for businesses with or without paid employees, are grouped according to merchandise categories used in the Annual Retail Trade Survey, and are subject to revision.

² Includes other merchandise such as collectibles, souvenirs, auto parts and accessories, hardware, lawn and garden equipment and supplies, and jewelry.

³ Includes nonmerchandise receipts such as auction commissions, customer training, customer support, advertising, and shipping and handling.

Source: U.S. Census Bureau, 2002 Annual Retail Trade Survey